

FORM PTO-1449
(Rev. 2-32)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
A3-172 US

SERIAL NO.

INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
Hirata et al.

FILING DATE

GROUP

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AG	AA	5,224,866	07/06/1993	Nakamura et al.	439	81	
	AB	5,310,357	05/10/1994	Olson	439	346	
	AC	5,395,250	03/07/1995	Englert, Jr. et al.	439	65	
	AD	5,727,956	03/17/1998	Mitra et al.	439	74	
	AE	5,971,809	10/26/1999	Ho	439	660	
	AF	5,975,916	11/02/1999	Okura	439	74	
	AG	6,338,630	01/15/2002	Dong	439	74	
	AH	6,540,561	04/01/2003	Masumoto	439	660	
AG	AI	5,181,855	01/26/1993	Mosquera et al.	439	74	
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	AO						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
AG	AP	2000-260509	09/22/2000	Japan	H 01 R	12/16		
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	AR							
	AS							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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<p>Alex Gilman 07/26/04</p> <p>Duplicate of IDS of 09/12/03</p>		

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Alex Gilman 03/17/04